(54) Title: METHOD FOR AUTOMATICALLY COMPENSATING FOR UNBALANCE CORRECTION POSITION AND CORRECTION AMOUNT IN BALANCING MACHINE
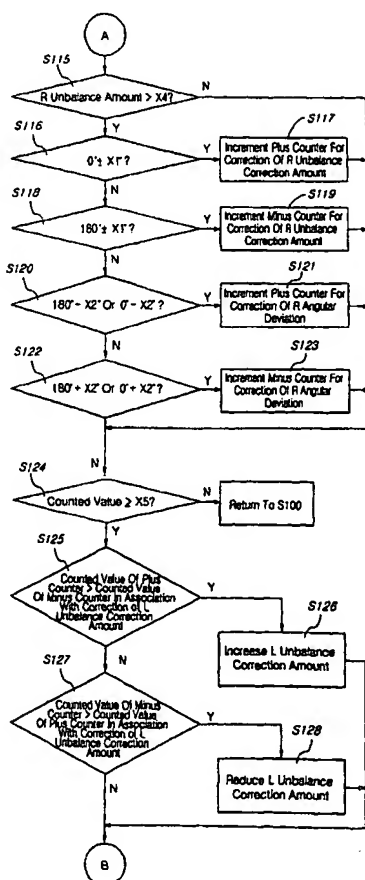
(57) Abstract: Disclosed is a method for automatically compensating for an unbalance correction position and an unbalance correction amount in a balancing machine. The method involves an unbalance testing procedure, an initial unbalance amount determining procedure, a counting procedure, a good-quality determining procedure, an angular deviation measuring procedure, an angular deviation range determining procedure, and an unbalance correction position and amount compensating procedure in order to automatically compensate for the unbalance correction position and amount of a rotor, based on the unbalance correction amount of a previously-corrected thereby achieving an optimum unbalance correction in spite of the fact that there may be errors in unbalance correction position and amount. The automatic compensation method further involves a correction amount re-setting procedure, a current condition displaying procedure, a procedure for automatically stopping the balancing machine, a basic data storing procedure, and an automatic basic data recovering procedure.

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